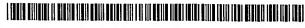
(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 31 March 2005 (31.03.2005)

PCT

(10) International Publication Number WO 2005/028597 A1

(51) International Patent Classification7:

C10L 1/18

(74) Agents: MUNSON, Jeffrey, F. et al.; The Lubrizol Corporation, 29400 Lakeland Blvd., Wickliffe, OH 44092 (US).

(21) International Application Number:

PCT/US2004/029979

(22) International Filing Date:

14 September 2004 (14.09.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/503,150

15 September 2003 (15.09.2003)

(71) Applicant (for all designated States except US): THE LU-BRIZOL CORPORATION [US/US]; 29400 Lakeland Boulevard, Wickliffe, OH 44092 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): FORESTER, David R. [US/US]; 3405 Foothills, Weatherford, Texas 76087 (US). PRICE, David [GB/GB]; 19 Ambervale Close, Littleover Derby DE23 7YB (GB). BARBOUR, Robert H. [GB/GB]; The Old Coach House, Hognaston, Ashbourne Derbyshire DE6 1PW (GB). CERDA DE GROOTE, Carlos L. [US/US]; 1446 Grace Avenue, Lakewood, OH 44107 (US). SCHOBER, Barton J. [US/US]; 3208 Maine Avenue, Perry, OH 44081 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,

KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,

ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH. GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: LOW TEMPERATURE OPERABLE FATTY ACID ESTER FUEL COMPOSITION AND METHOD THEREOF

(57) Abstract: A fuel composition comprises (A) a major amount of a fatty carboxylic acid ester composition from at least one naturally occurring triglyceride and (B) a minor amount of a low temperature operability composition. A method for improving the low temperature operability of a fuel composition comprises admixing (A) with a low temperature improving amount of (B). The fuel composition is derived from a renewable resource and is especially useful in internal combustion engines such as compression-ignited diesel engines.

